

## **SEPA ENVIRONMENTAL CHECKLIST**

### ***Purpose of checklist:***

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

### ***Instructions for applicants:***

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

### ***Instructions for Lead Agencies:***

Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

### ***Use of checklist for nonproject proposals:***

Please complete all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. ADDITION, complete the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). For nonproject actions.

#### **A. BACKGROUND:**

Project will replace an old drum screen intake with a fish agency compliant Johnson wedge wire screen.

1. Name of proposed project, if applicable: Wilkeson Creek Screen Replacement Project
2. Name of applicant: Puyallup Tribe of Indians
3. Address and phone number of applicant and contact person:  
Blake Smith  
Puyallup Tribal Fisheries Division  
6824 Pioneer Way E.  
Puyallup, WA. 98371

(253) 680-5560

[Blake.smith@puyalluptribe.com](mailto:Blake.smith@puyalluptribe.com)

4. Date checklist prepared: March 6, 2014
5. Agency requesting checklist: WDFW
6. Proposed timing or schedule (including phasing, if applicable): August 10 to August 30, 2014.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. A cultural resource report has been finished for the area.
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. No.
10. List any government approvals or permits that will be needed for your proposal, if known. WDFW HPA.
11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) This project will replace an old drum screen intake for the Puyallup Tribe's Wilkeson Creek Hatchery with a new fish agency compliant screen that will lay underwater perpendicular to the stream. The new screen will be 10 feet long and hang on a forty foot pre-cast concrete barrier imbedded in the stream. Large rock will cover both sides of the stream bank and placed immediately downstream of intake to prevent undermining. The Tribe currently operates three intakes exactly like this one and they provide excellent adult and juvenile fish passage. Furthermore, this type of intake requires very little maintenance.
12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

15719 & 15723 Tubbs Road  
Buckley, WA. 98321  
¼ section: SE19: Section 19: Township 19N: Range 6E  
Pierce County  
Tribal Trust Property

## **B. ENVIRONMENTAL ELEMENTS**

### **1. Earth**

- a. General description of the site  
(circle one): **Flat**, rolling, hilly, steep slopes, mountainous,  
other \_\_\_\_\_ Flat

b. What is the steepest slope on the site (approximate percent slope)?  
1%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. Boulders, sand, and gravel, with a layer of topsoil.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. No.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. No filling. Large rocks will be rearranged on the backside of intake for stability.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. Limited erosion could occur during clearing for access to the site.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? None.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Fabric will be used if necessary.

## 2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. Emissions from an excavator and truck traffic.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. No.

b. Proposed measures to reduce or control emissions or other impacts to air, if any:  
None.

## 3. Water

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.  
Wilkeson Creek is a year-round tributary to South Prairie Creek.



- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. Yes, Screen will lay perpendicular to creek in stream bed.
- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. The only stream bed material removed will be where the trench is dug to place the screen in the stream bed.
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. A 48 foot x 8 foot diversion canal will be used.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. Yes
- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. No.

b. Ground Water:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. No
- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. None

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. Not Applicable
- 2) Could waste materials enter ground or surface waters? If so, generally describe. No.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:  
None

4. **Plants**

a. Check or circle types of vegetation found on the site:

☒ deciduous tree: alder, maple, aspen, other

☒ evergreen tree: fir, cedar, pine, other

- ☒ shrubs
- ☒ grass
- ☐ pasture
- ☐ crop or grain
- ☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- ☐ water plants: water lily, eelgrass, milfoil, other
- ☒ other types of vegetation Himalayan Blackberry, Japanese Knotweed.

b. What kind and amount of vegetation will be removed or altered?

Japanese Knotweed, blackberry, small alder, and shrubs.

b. List threatened or endangered species known to be on or near the site.

Chinook and steelhead

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Knotweed will be killed before construction to stop spreading. All disturbed areas will be replanted by the Pierce County Conservation District.

## 5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

b. List any threatened or endangered species known to be on or near the site.  
Fall Chinook and Winter Steelhead

c. Is the site part of a migration route? If so, explain.  
Yes, Salmonids swim up and downstream in site area.

d. Proposed measures to preserve or enhance wildlife, if any: Puyallup Tribe's Fisheries staff will be on site during dewatering for a fish out.

## 6. Energy and natural resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. None

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. No

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: None

## 7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. No.

1) Describe special emergency services that might be required. None

2) Proposed measures to reduce or control environmental health hazards, if any: Work safely.

## b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? None

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. Short term construction noise from excavator and trucks. Daylight working hours.

3) Proposed measures to reduce or control noise impacts, if any: None

## 8. Land and shoreline use

a. What is the current use of the site and adjacent properties? Fish Hatchery. Adjacent properties, Rail to trails, and mini farms/residences.

b. Has the site been used for agriculture? If so, describe. No, only aquaculture.

c. Describe any structures on the site..None.

d. Will any structures be demolished? If so, what? No

e. What is the current zoning classification of the site? Tribal Trust Property.

f. What is the current comprehensive plan designation of the site? Fish Hatchery

g. If applicable, what is the current shoreline master program designation of the site? Unknown

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. No.

i. Approximately how many people would reside or work in the completed project? One or two seasonal.

j. Approximately how many people would the completed project displace? None

- k. Proposed measures to avoid or reduce displacement impacts, if any: None
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: None

**9. Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing: N/A
- c. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing: N/A
- c. Proposed measures to reduce or control housing impacts, if any: N/A

**10. Aesthetics**

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? N/A
- b. What views in the immediate vicinity would be altered or obstructed? None
- c. Proposed measures to reduce or control aesthetic impacts, if any: Re-plant the stream bank area with native vegetation.

**11. Light and glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? N/A
- b. Could light or glare from the finished project be a safety hazard or interfere with views? N/A
- c. What existing off-site sources of light or glare may affect your proposal? N/A
- d. Proposed measures to reduce or control light and glare impacts, if any: N/A

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? Hiking.
- b. Would the proposed project displace any existing recreational uses? If so, describe. No
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: None.

## 13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. No.
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. None.
- c. Proposed measures to reduce or control impacts, if any: Cultural Resource Study Completed.

## 14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. Tubbs Road
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? No.
- c. How many parking spaces would the completed project have? How many would the project eliminate? N/A
- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).No



- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. No
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. One or Two trips per day seasonally. January through May.
- g. Proposed measures to reduce or control transportation impacts, if any: None

#### 15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. No
- b. Proposed measures to reduce or control direct impacts on public services, if any. None

#### 16. Utilities

- a. Circle utilities currently available at the site:  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other \_\_\_\_\_
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. None

#### C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Blake E. Smith

Name of signee Blake E. Smith

Position and Agency/Organization Enhancement Chief, Puyallup Tribe of Indians

Date Submitted: 17-Mar-14